

PRIOR ART

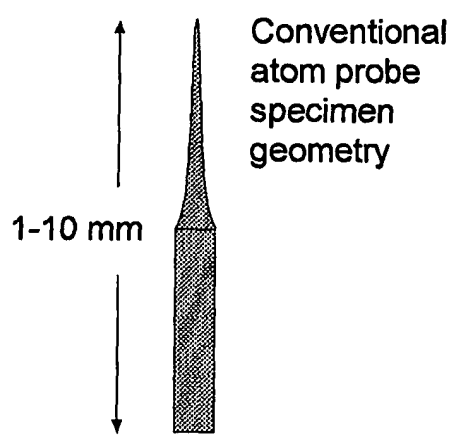


Fig. 1A

LEAP SPECIMEN GEOMETRIES

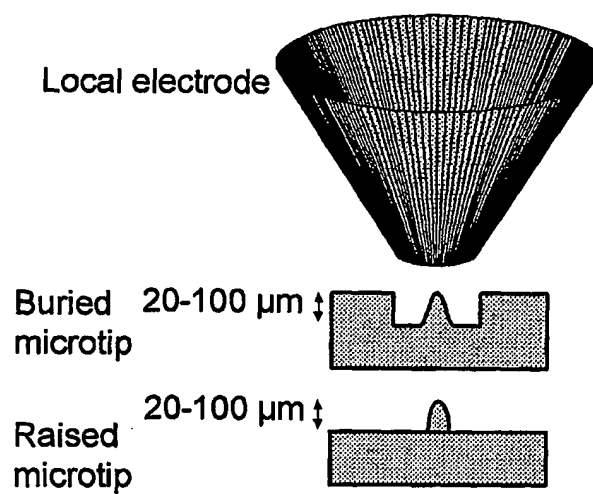
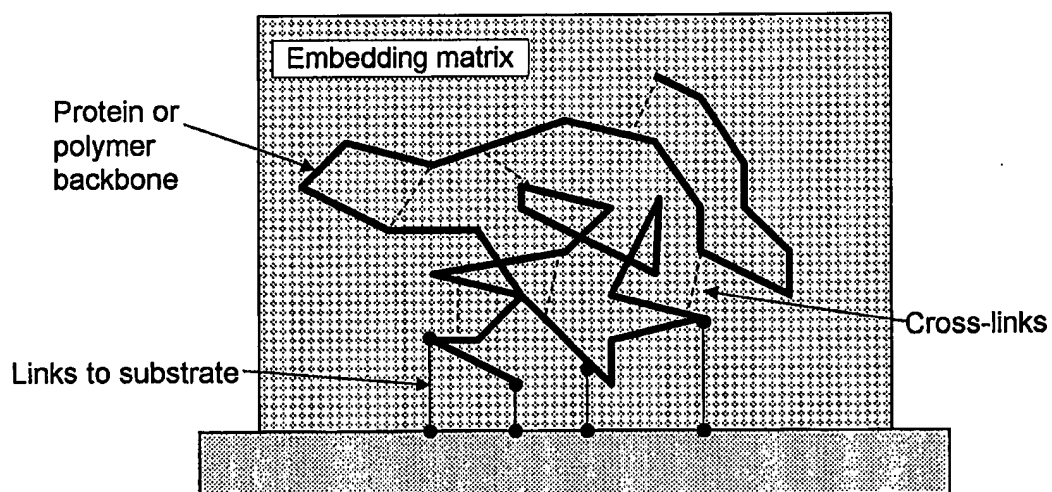


Fig. 1B

**Fig. 2**

Specimen Preparation and Analysis

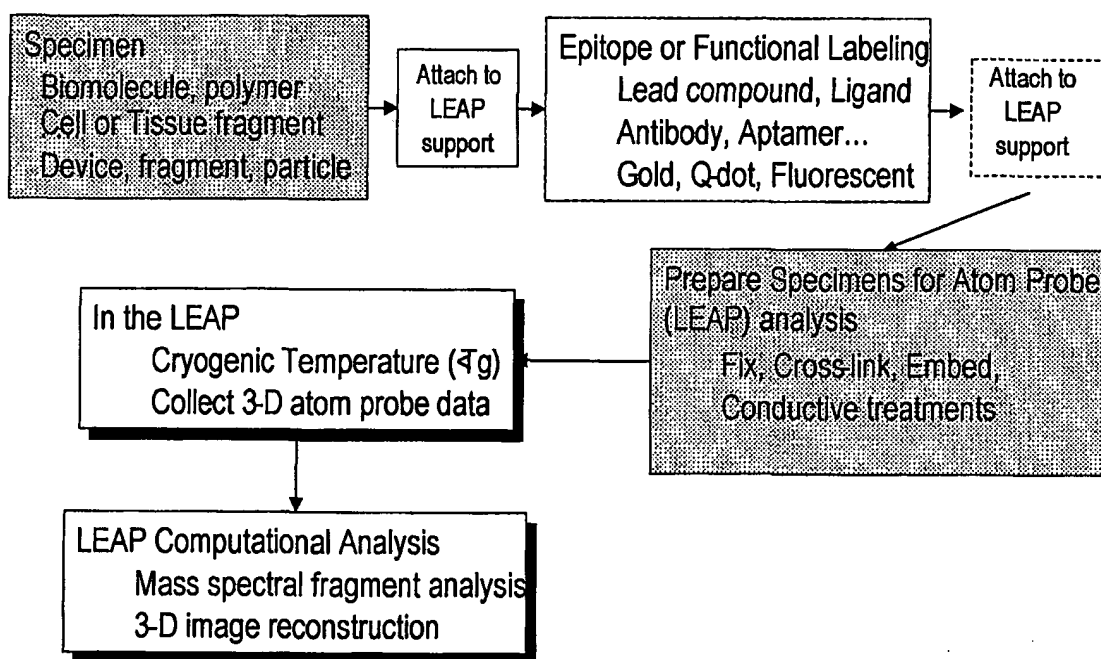
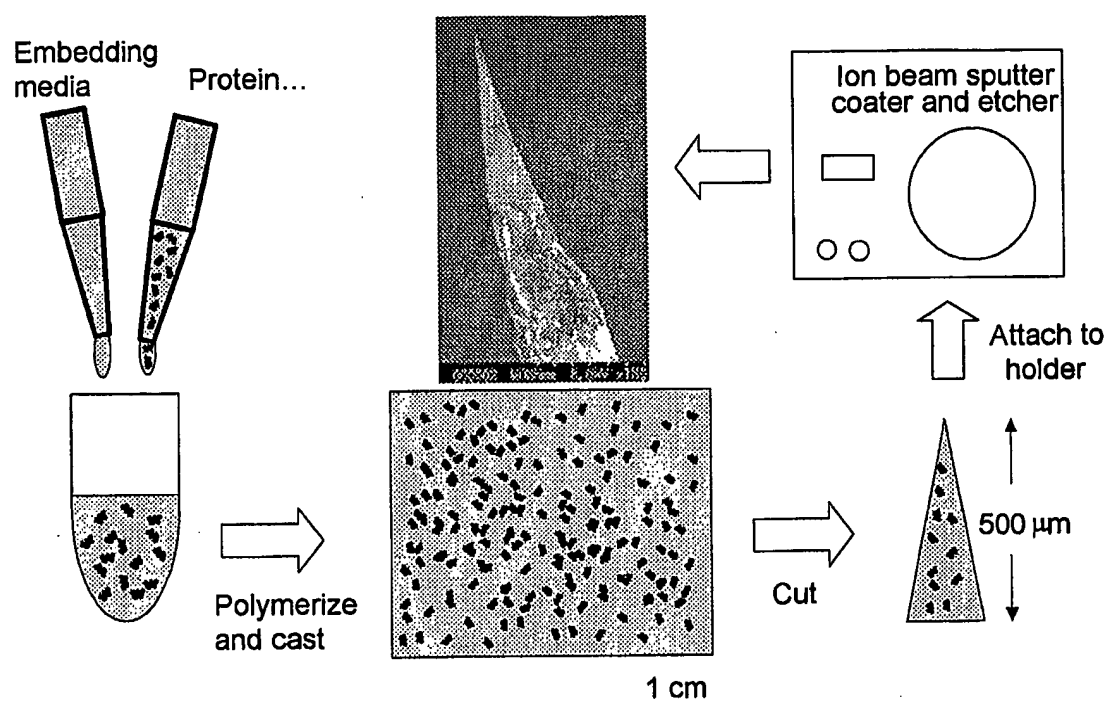


Fig. 3

PREPARATION OF BIOMOLECULAR SPECIMENS**Fig. 4**

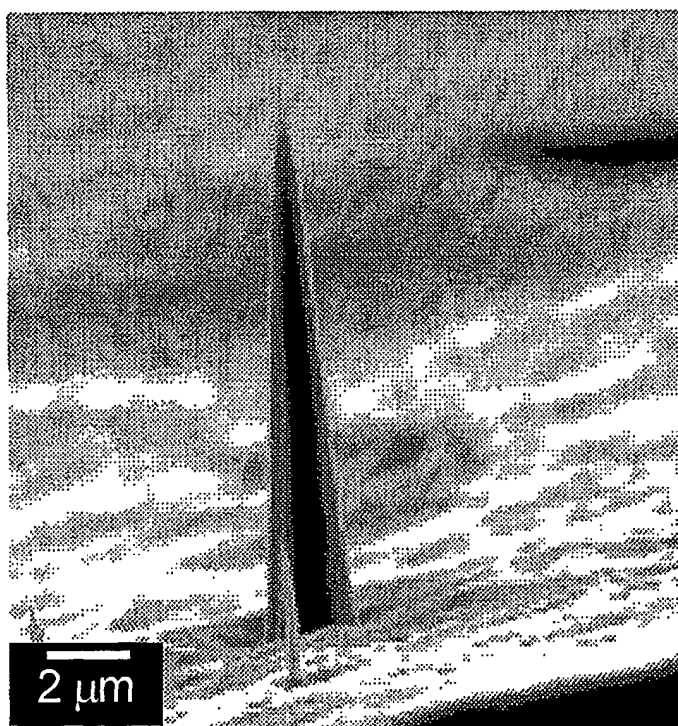


Fig. 5

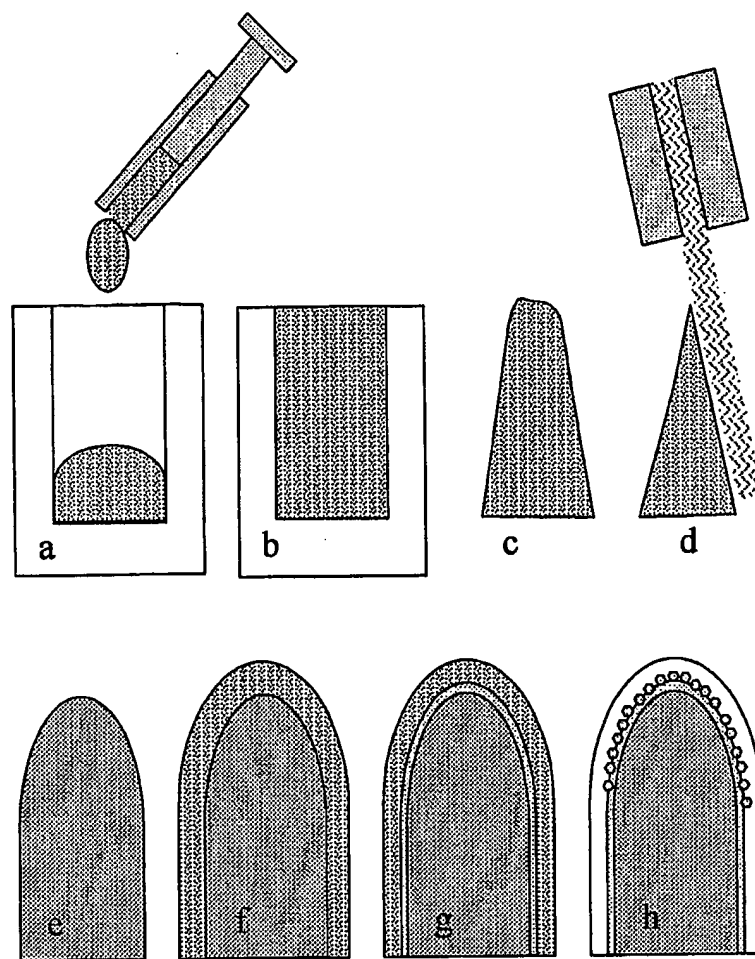


Fig. 6

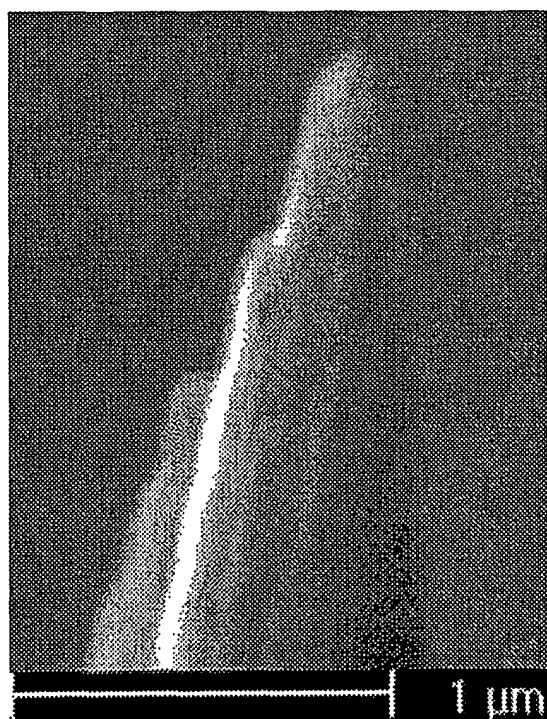
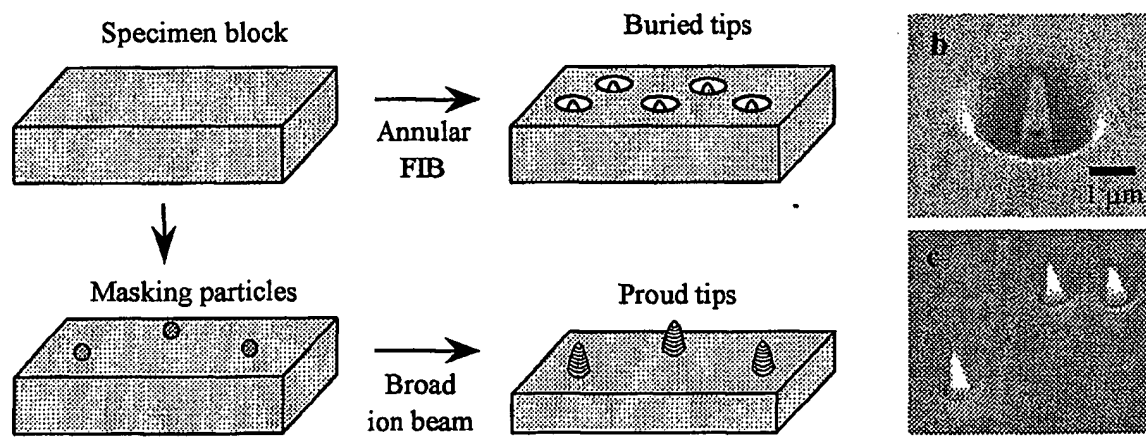


Fig. 7

**Fig. 8**

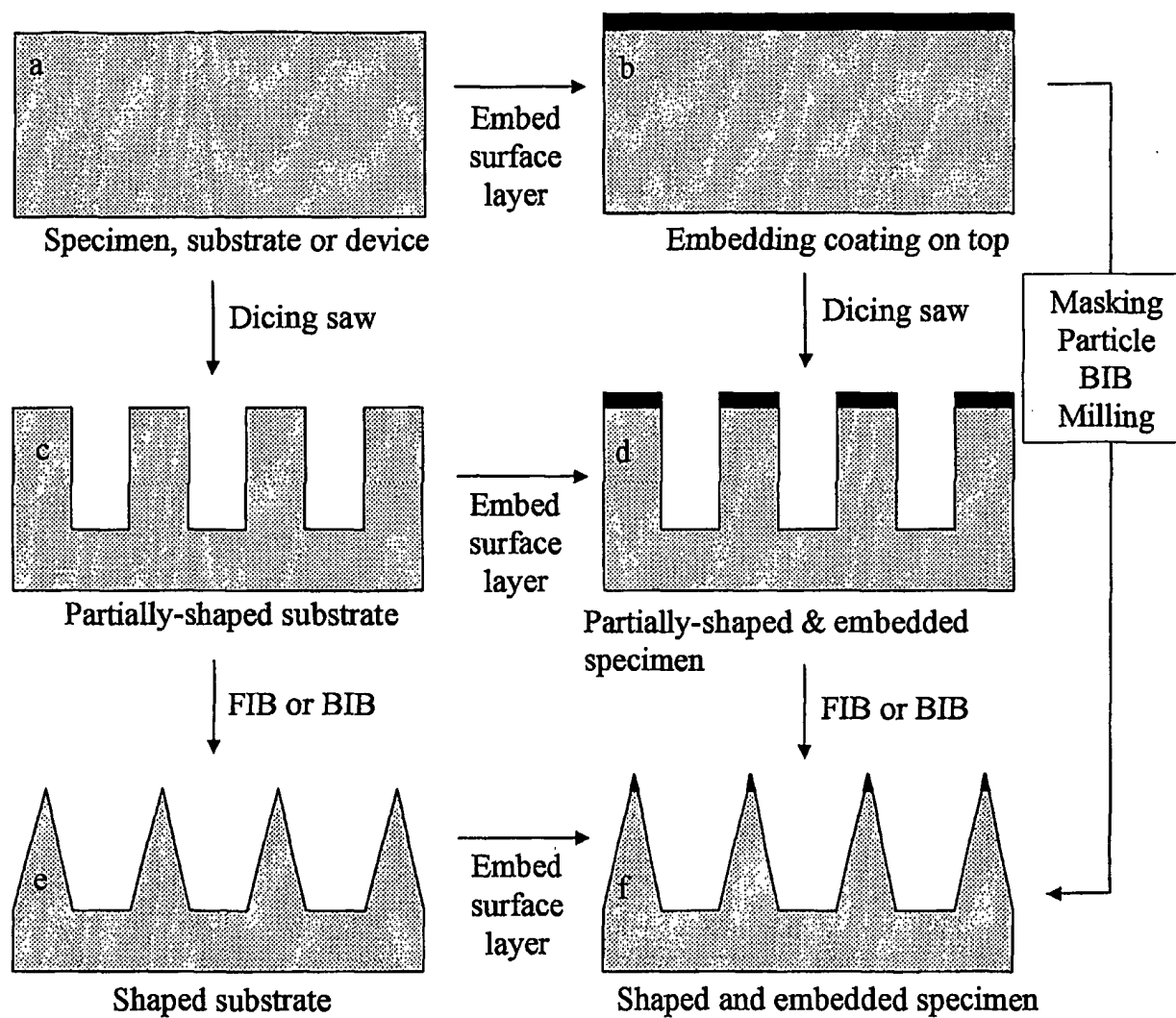
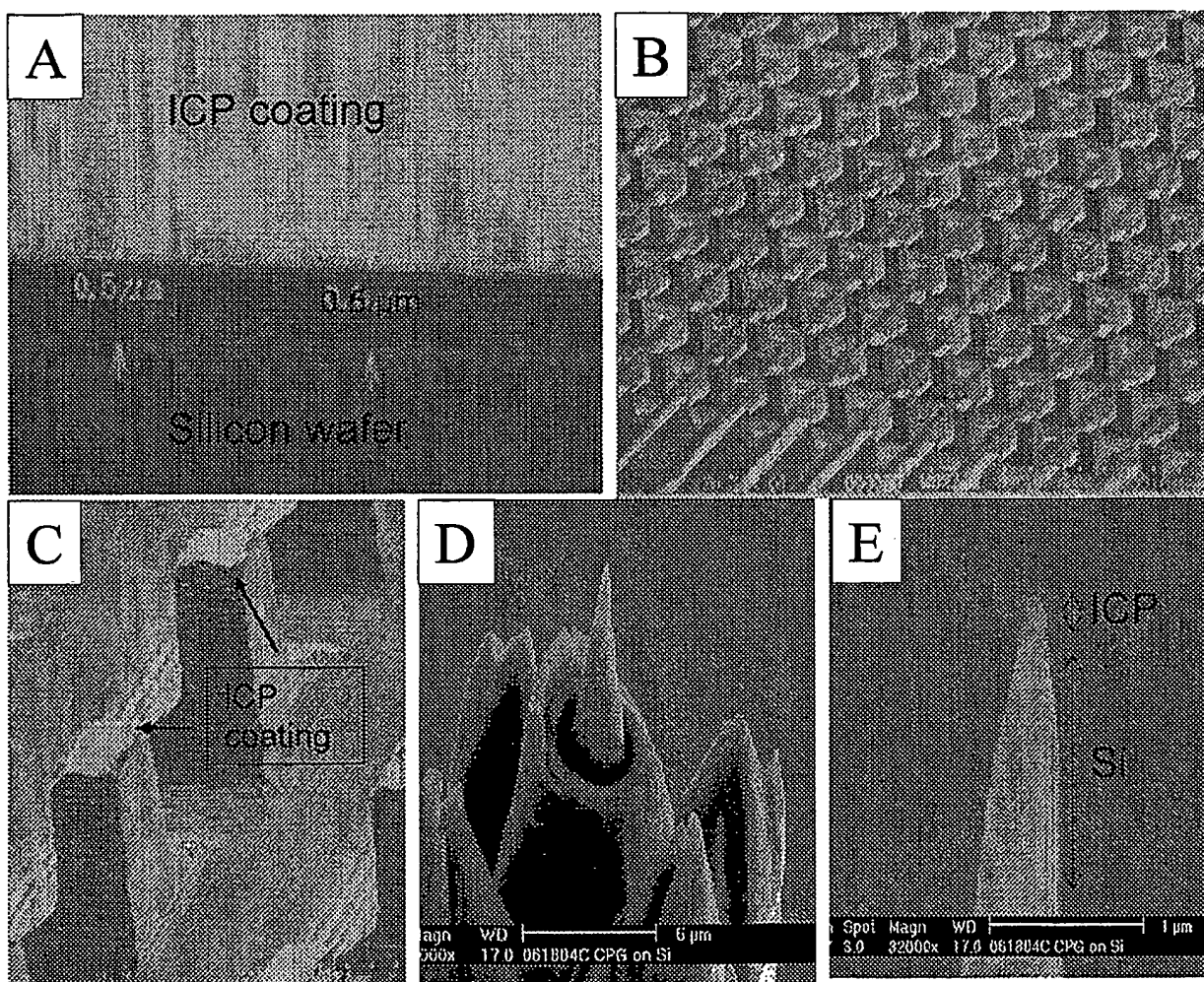


Fig. 9



Figs. 10A, 10B, 10C, 10D, and 10E

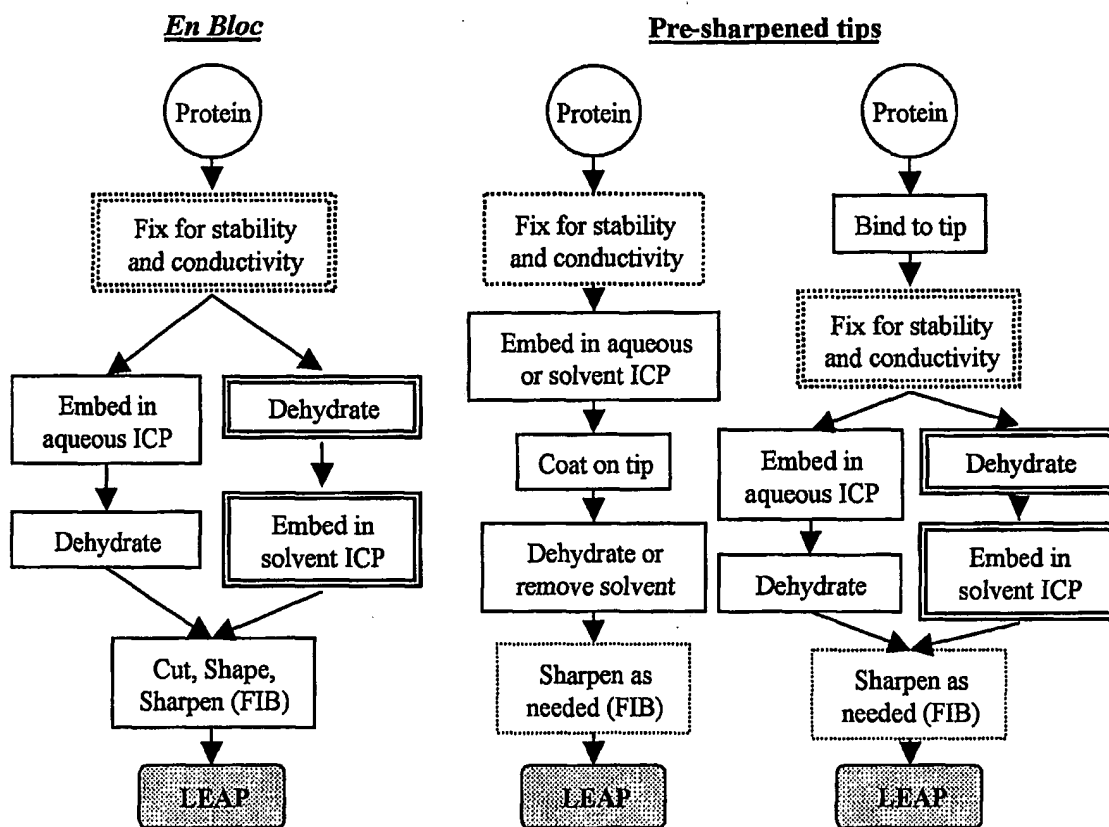


Fig. 11

LEAP analysis of graphite

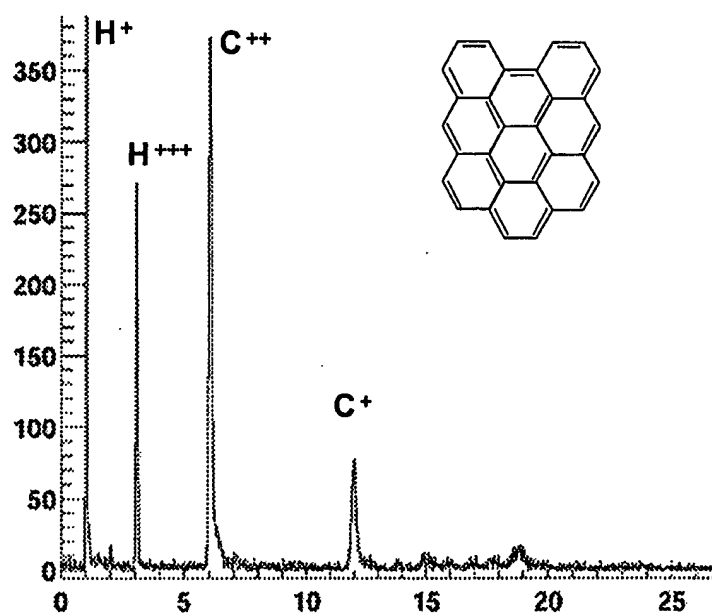


Fig. 12

LEAP ANALYSIS OF PYROLYTIC CARBON HEART VALVE

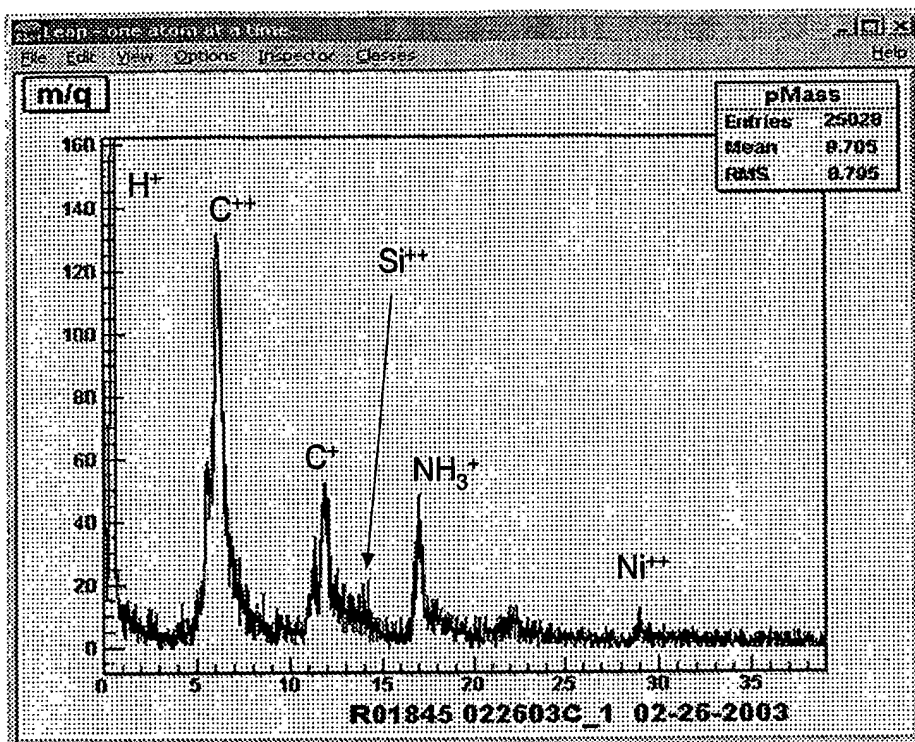
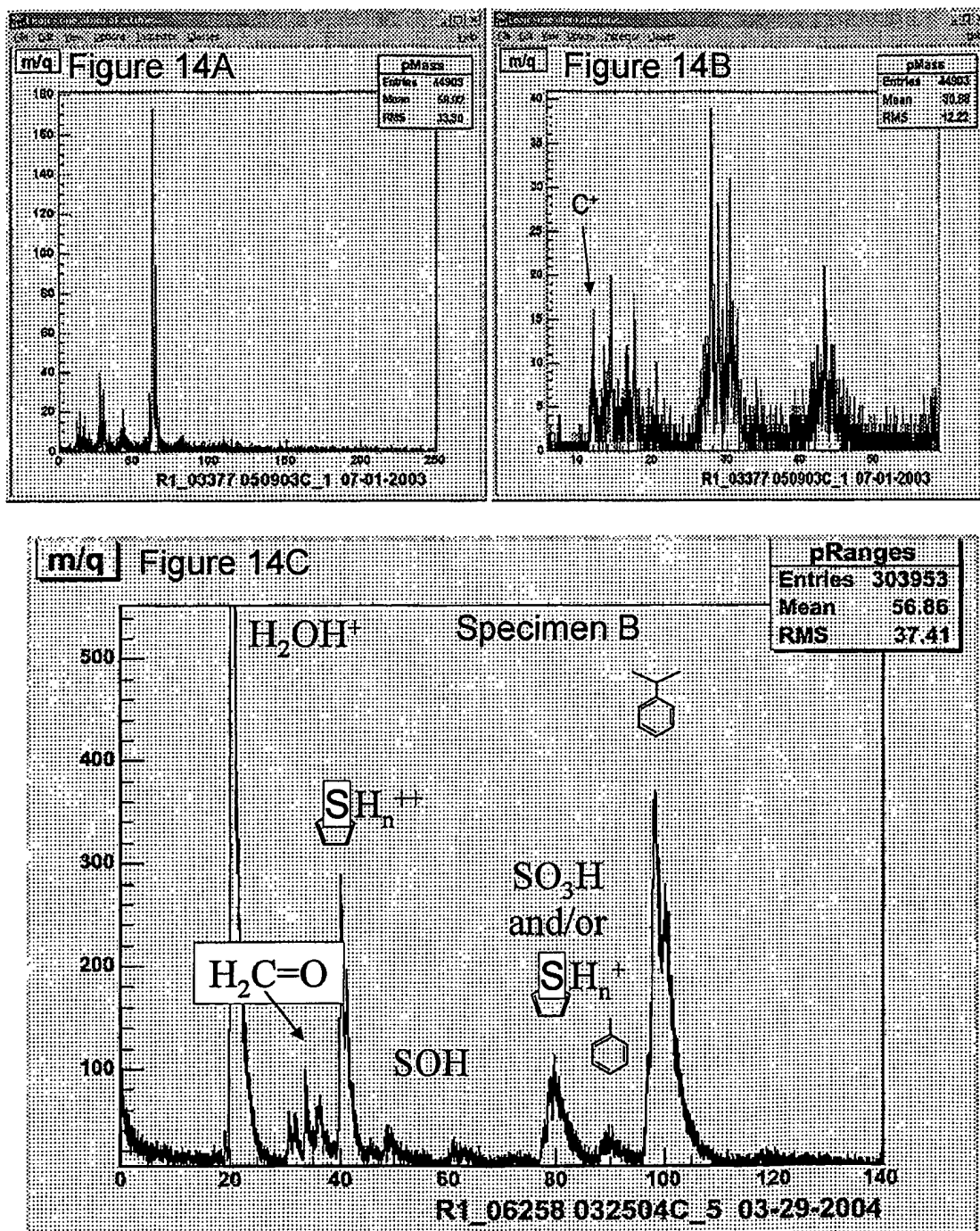


Fig. 13



Figs. 14A, 14B, and 14C

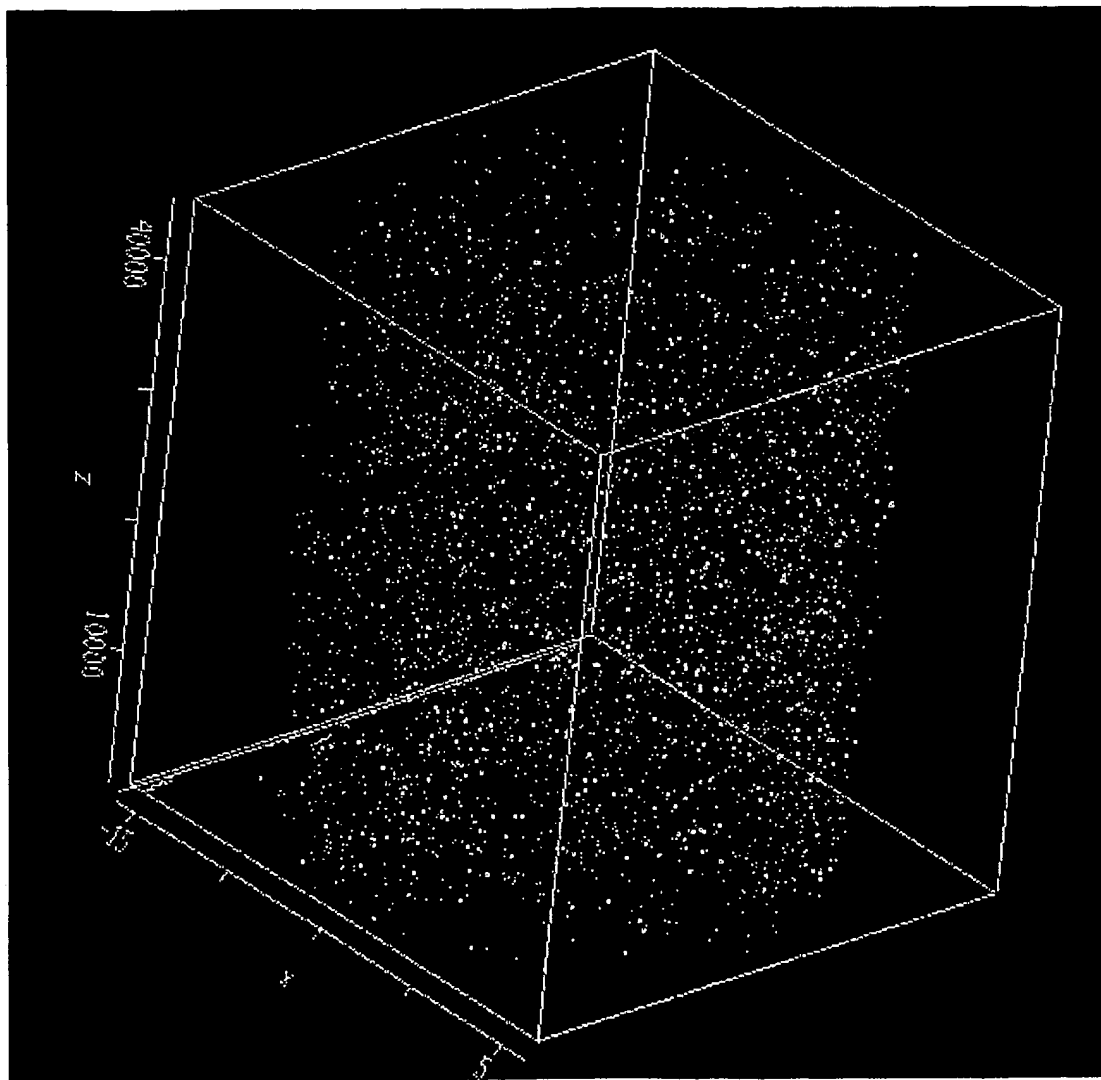


Fig. 15

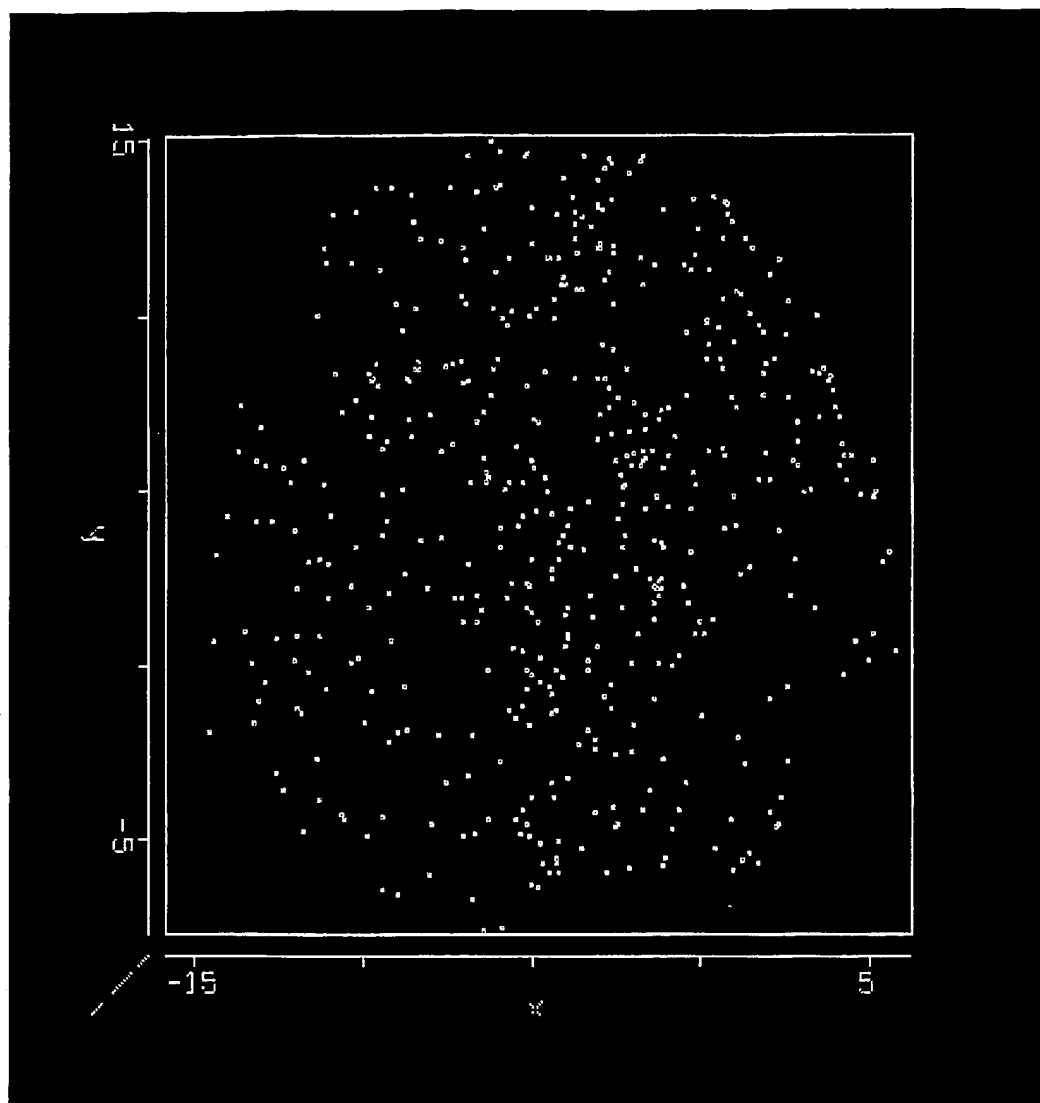
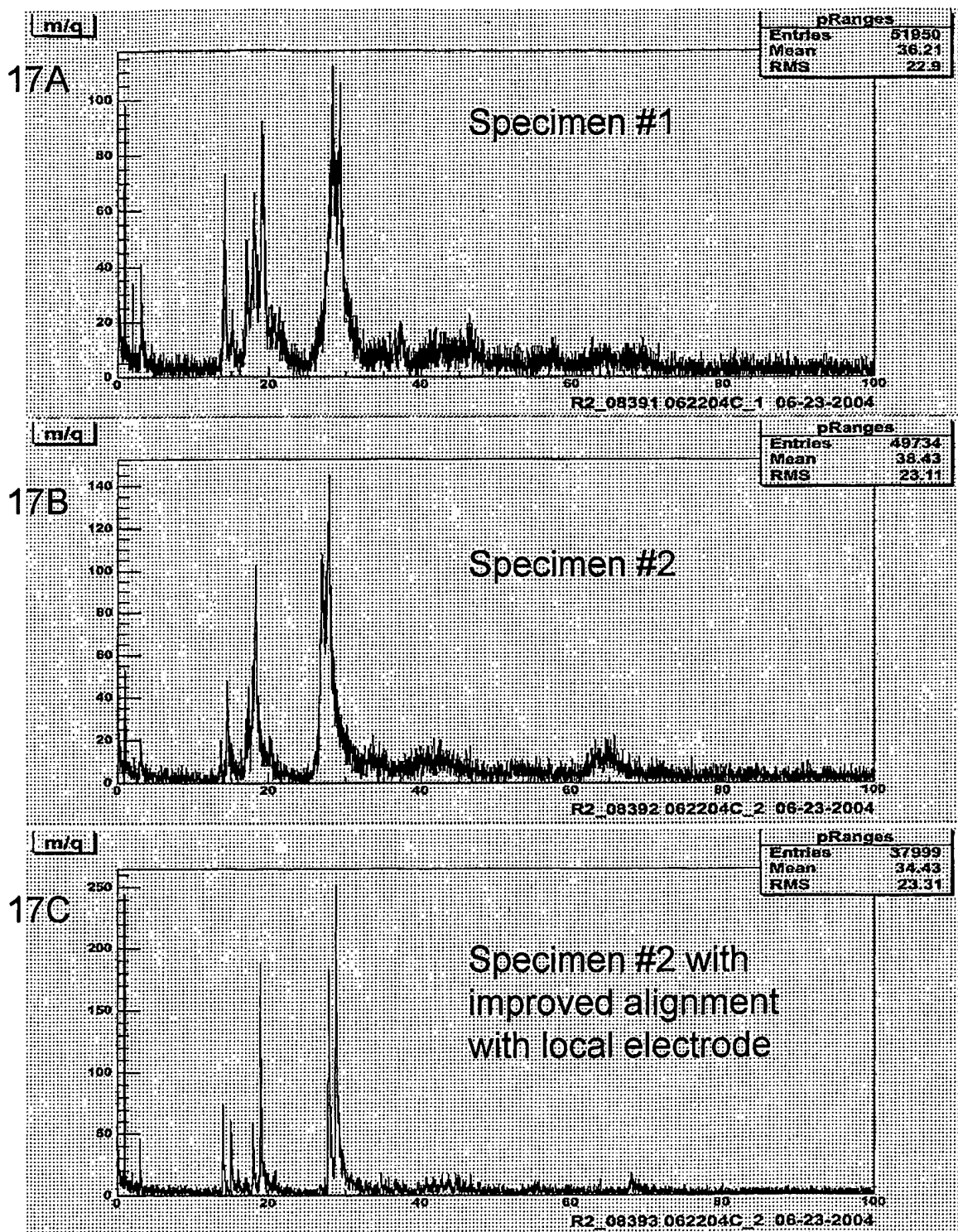
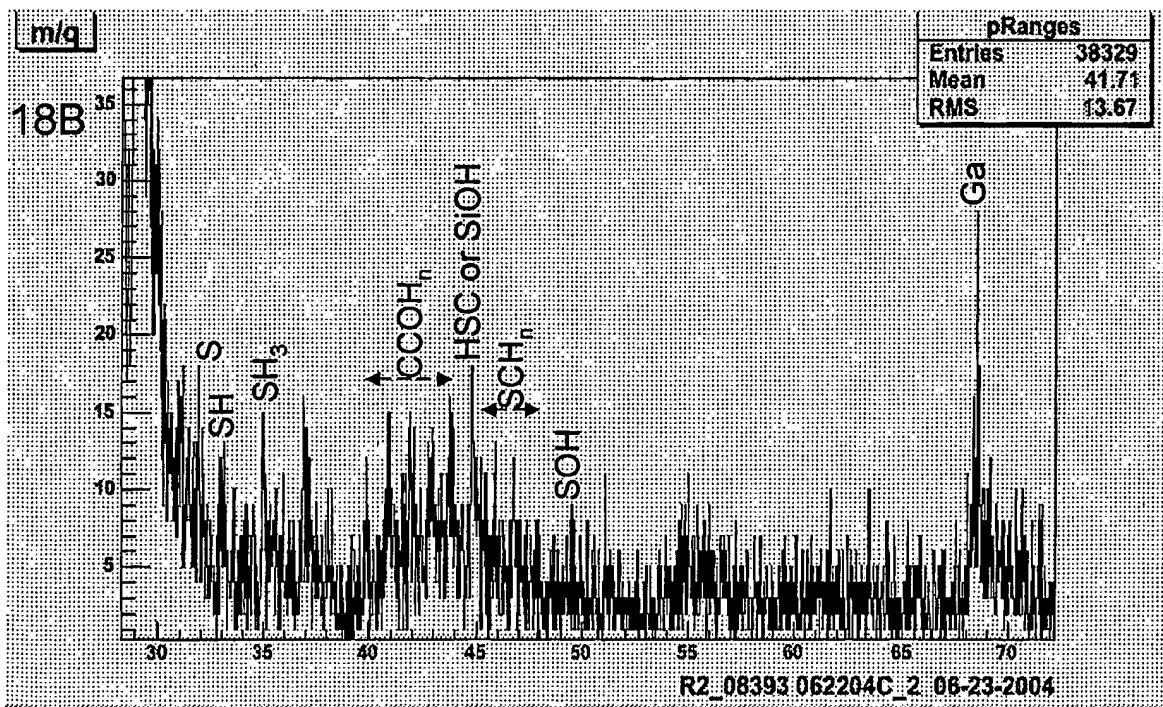
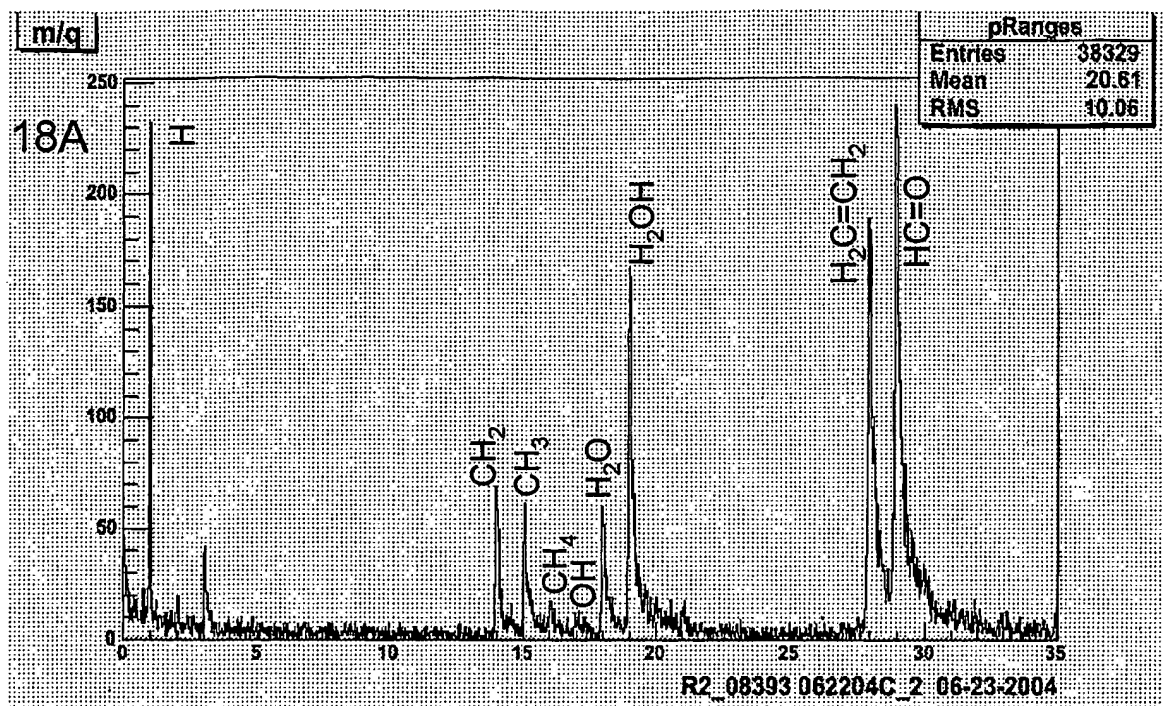


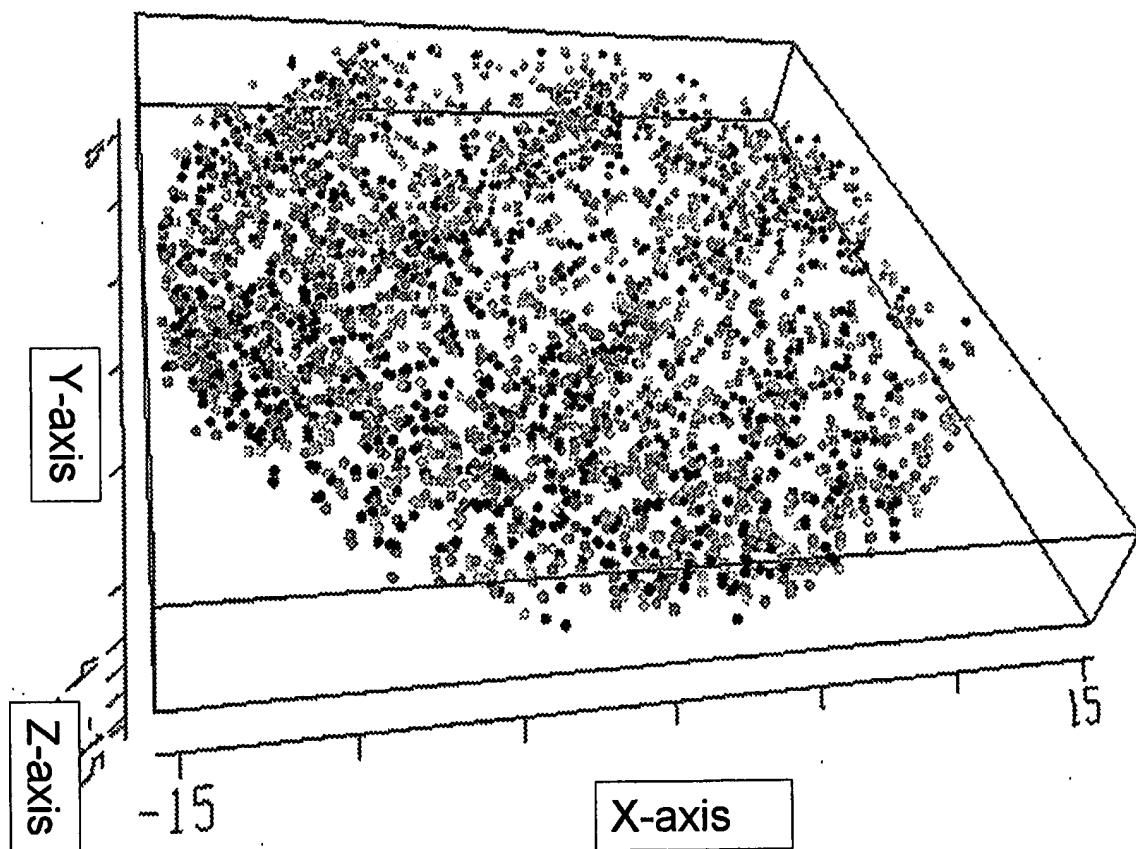
Fig. 16

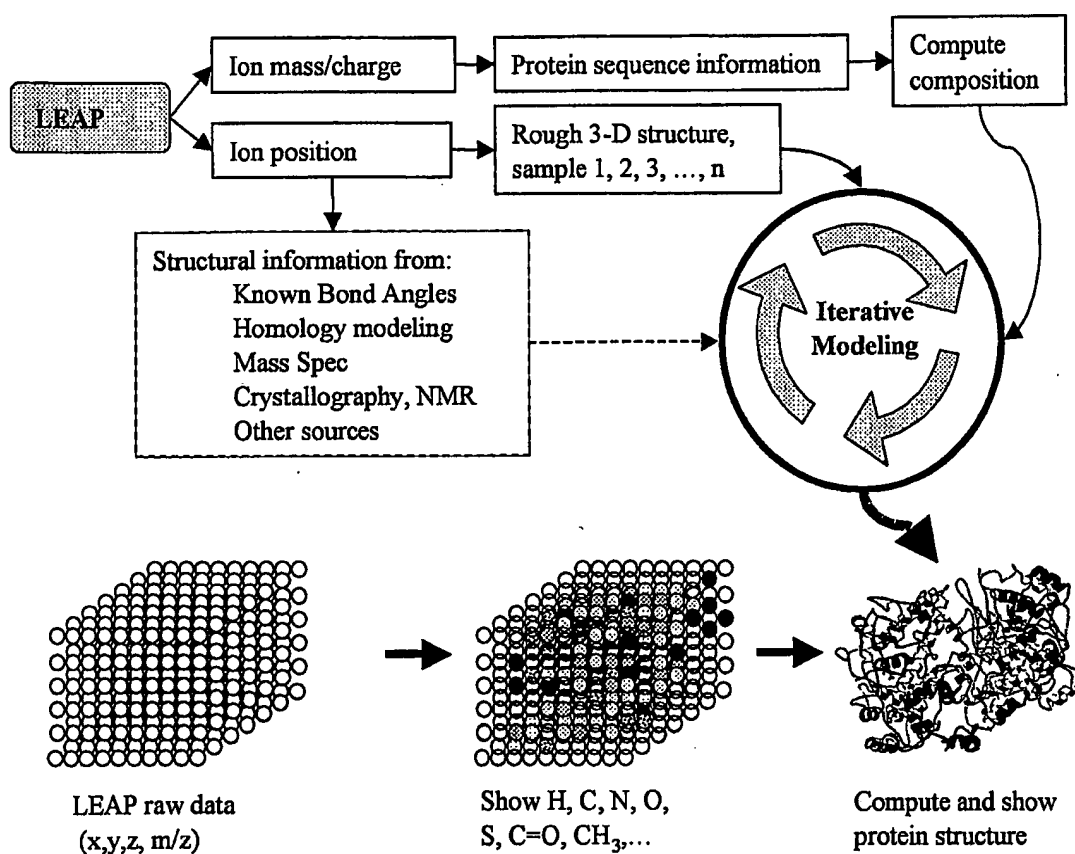


Figs. 17A, 17B, and 17C



Figs. 18A and 18B

**Fig. 19**

**Fig. 20**